AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1.   (Currently Amended) A cell search control method by which a mobile station searches for a perch channel transmitted by a base station to capture and receive the perch channel, and determines which base station to communicate with or to be standby for, said cell search control method comprising:

a measuring step of measuring a first receiving quality of each of a plurality of currently captured perch channels;

an obtaining step of obtaining a second receiving quality from the first receiving qualities measured by said measuring step; and

a control step of determining a degree of how frequent searches for new perch channels which are currently not captured are conducted in response to the second receiving quality obtained by said obtaining step.

Claim 2.   (Currently Amended) The cell search control method as claimed in claim 1, wherein

said measuring step measures a received power of each of the plurality of currently captured perch channels;

said obtaining step obtains, with respect to the received powers measured by said measuring step, the highest received power; and

said control step controls the degree of how frequent the searches for the new perch channels are conducted in response to the highest received power obtained by said obtaining step such that when the highest received power is high, the degree of how frequent the searches for

the new perch channels are conducted is low, whereas when the highest received power is low,

the degree of how frequent the searches for the new perch channels are conducted is high.

Claim 3.   (Currently Amended) The cell search control method as claimed in claim